Table 1
Conceptual Site Model Data Needs:

Data Need	Justification	Notes
Upstream Surface Water Transects	Characterize contaminants entering lower Willamette River from upper watershed	TSS to be collected in support of hydrodynamic sedimentation model; contaminant data also required
Suspended sediment and bedload during high flow events	Characterize contaminant movement during high flow events	To be collected in support of hydrodynamic sedimentation model
Surface sediment, subsurface sediment and biota tissue data between RM 11 and 14	Determine whether significant upstream sources that may impact the study area are present.	Limited sediment data exists in this reach. Potential sources of contamination should be evaluated to determine whether they may impact the current study area.
Subsurface sediment data between RM 9.2 and 11	Characterize vertical extent of contamination in areas of potential concern	Subsurface sediment data primarily focused in fire boat dock area
Sedflume and settling velocity data	Evaluation of sediment transport	To be collected in support of hydrodynamic sedimentation model
Additional river velocity data	Evaluation of sediment transport	To be collected in support of hydrodynamic sedimentation model
Multnomah Channel hydrodynamic data	Determine whether contaminants within ISA may be transported into Multnomah Channel	Downstream extent of contamination
Sediment data within Multnomah Channel	Determine whether contaminants within ISA may be deposited within Multnomah Channel	Downstream extent of contamination
Surface sediment, subsurface sediment and biota tissue data between RM 0 and 2	Determine whether contaminants within ISA have been transported to downstream reach	Downstream extent of contamination